fono

MM Phono pre-amplifier

POWER SUPPLY SPECIFICATIONS

PS1 (UK)

Input...230V ~ 50Hz 0.05A
Output..24V ~ 300MA AC

PS1 (EU - Euro 2 pin)

Input...230V ~ 50Hz 0.05A
Output..24V ~ 300MA AC

PS1 (UL - American)

Input...115-120V ~ 60Hz
Output..24V ~ 300MA AC

FONO SPECIFICATIONS

Input sensitivity = 1.7mV for 200mV output.

Input loading = 47KΩ in parallel with 100pF.

Maximum input level = 60mV at 1KHz.

Gain = 41.4dB at 1KHz.

Output impedance = 200Ω

Recommended minimum output load resistance = 5K.

Frequency response (50KΩ output load) = 15Hz (-3dB) to 100KHz (-0.2dB).

RIAA accuracy (50KΩ output load) = better than +/-0.2dB 100Hz to 100KHz.

Power requirements = 24V AC at 80mA maximum (Rega **PS1**).

Rega Research Ltd, exceptional Hi-Fi designed and made in ENGLAND.

POWERING UP

The Fono is turned on by pressing the on-off button located on the front, When the unit is active the Rega logo will glow RED.

WARNING: We advise you to turn the Fono on first and then the amplifier last. This is because the power surge in the Fono could cause a "power on" thump which may distress the speakers.

METHOD OF CONNECTION

INPUT
Connect the tonearm leads and earth (if used) to the input socket and to the earth terminal on the back of the **Fono**.

OUTPUT
Connect the output socket of the **Fono** to the line input on the amplifier.

POWER SUPPLY
Connect the Rega **PS1** to the AC socket on the **Fono** back panel.

INTRODUCTION

The **Fono** has been designed to be effective, easy to use, and above all to reproduce music. The input sensitivity has been increased to 1.7mV and the capability to drive lower output loads has been improved. The low frequency response has been slightly extended along with a review and improvements to the capacitors used in critical positions in the circuit, this is to reflect the improvements in the Planar turntables.

The aesthetic design of the **Fono** was as important as the quality of its electrical capabilities, so it benefits from the same aluminium case as the Rega Ear Headphone amplifier, giving it a design which offers a familiar family feel and moreover brings it in line with its illustrious bigger brothers.

The **Fono** disk stage is designed to amplify the signal from a moving magnet cartridge to a level which can feed into a 200mV line level input on a standard hi-fi amplifier i.e. with CD or Tuner input.

Please note: If you have an integrated amplifier with built in phono stage, DO NOT connect the Fono to this input.